

Sub
F17
by weight of intimately blended commingled threads containing glass filaments and filaments of thermoplastic organic material;

depositing onto a moving conveyor two layers, one of the two layers including said plurality of continuous threads in a form of at least one of continuous threads continuously deposited in a direction of movement of said moving conveyor, continuous threads continuously deposited in a form of superposed loops and continuous threads continuously deposited in a form of chopped threads, and the other one of the two layers including said strip of fabric;

transferring said two layers combined through a plurality of zones where said two layers are heated and cooled while being simultaneously compressed to form a continuous composite material; and

at least one of cutting up said continuous composite material into a plurality of sheets and winding said continuous composite material onto a rotating drum,

wherein said glass filaments deposited in said process in total comprise more than 40 % by weight of said glass filaments and said filaments of thermoplastic organic material deposited in said process.

Sub
F2 G2
8. (Thrice Amended) A process according to Claim 7, wherein:

said one of the two layers is deposited on said moving conveyor and is formed of said chopped threads;

said other one of the two layers is deposited on said one of the two layers and is formed exclusively by said intimately blended commingled threads;

a third layer of chopped intimately blended commingled threads of glass filaments and filaments of a thermoplastic organic material is deposited onto said other one of the two layers;

Sub
G2
F2 7 a combination of said two layers and said third layer thus formed is transferred into a first zone where said combination is heated and then into a second zone where said combination is simultaneously compressed and heated;

said combination is then transferred into a third zone where said combination is compressed and cooled; and

said combination thus cooled is cut up at an exit of the third zone.

9. (Thrice Amended) A process according to Claim 7, wherein:

said other one of the two layers is deposited on said moving conveyor and is formed exclusively of said intimately blended commingled threads;

said one of the two layers is deposited on said other layer and is formed of said chopped threads;

a third layer exclusively formed by intimately blended commingled threads of glass filaments and filaments of a thermoplastic organic material is deposited onto said one of the two layers;

a fourth layer of chopped intimately blended commingled threads of glass filaments and filaments of a thermoplastic organic material is deposited onto said third layer;

a combination of said two layers, said third layer and said fourth layer thus formed is transferred into a first zone where said combination is heated, and then into a second zone where said combination is simultaneously compressed and heated;

said combination is transferred into a third zone where said combination is compressed and cooled; and

the combination thus cooled is cut up at an exit of the third zone.